

DOWNLINK BEAM HOPPING WAVEFORM

ABSTRACT

5 A frame signal (100) for communicating payloads
(104, 110) of data includes a first payload field
(104) and a first header field (102) with a first
frame type indicator (120). The frame signal (100)
also includes a second payload field (110) and a
second header field (108) smaller than the first
header field (102) that includes a second frame type
10 indicator (128). The first payload field (104), first
header field (102), second payload field (110), and
the second header field (108) are encapsulated in a
single frame (100) to provide multiple payload
delivery with reduced overhead compared to
15 individually transmitted single payload frames.